

REMARKS

Reconsideration of the above-identified patent application in view of the amendments above and the remarks following is respectfully requested.

Claims 1-33 are in this case. Claim 19 has been rejected under § 112, first paragraph. Claim 19 has been rejected under § 112, second paragraph. Claims 17-19, 21-26, 28 and 30 have been rejected under § 102(e). Claims 17-19, 21-26, 28 and 30 have been rejected under § 103(a). Claims 1-16, 32 and 33 have been allowed. Claims 20, 27, 29 and 31 have been objected to. Dependent claims 19, 20, 27, 29 and 31 have been canceled. Independent claims 17, 26, 28 and 30 have been amended.

The claims before the Examiner are directed toward a method for managing page-based data storage media such as flash media, a system that uses that method, and a computer-readable storage medium bearing code for implementing the method. New data are written to the storage medium in a way that precludes corruption of old data if the writing of the new data is interrupted, even if the pages share cells of the storage medium or if the storage medium is accessed as a plurality of logical pages, each one of which spans at least part of several physical pages of the storage medium. Risk zones are defined by identifying, for each page, the other pages whose data are put at risk of corruption if writing to the page is interrupted. A page, that otherwise would be the target of a write operation, is not written if any of the pages in its risk zone contain data that could be corrupted if the write operation is interrupted.

§ 112, First and Second Paragraph Rejections

The Examiner has rejected claim 19 under § 112, first paragraph, as lacking a written description in the specification, and under § 112, second paragraph, as being

indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 19 now has been canceled, thereby rendering moot the Examiner's rejection of this claim.

§ 102(b) Rejections – Chen et al. '888

The Examiner has rejected claims 17-19, 21-26, 28 and 30 under § 102(e) as being anticipated by Chen et al., US Patent Application Publication No. 2003/0137888 (henceforth, "Chen et al. '888"). The Examiner's rejection is respectfully traversed.

Claim 19 has been canceled, thereby rendering moot the Examiner's rejection of this claim.

As discussed below, independent claims 17, 26, 28 and 30 have been placed in condition for allowance by the inclusion therein of the limitations of claims 20, 27, 29 and 31, respectively. With independent claim 17 allowable in its present form, it follows that claims 18 and 21-25, that depend therefrom, also are allowable.

§ 103(a) Rejections – AAPA in view of Chen et al. '888

The Examiner has rejected claims 17-19, 21-26, 28 and 30 under § 103(a) as unpatentable over Applicant's admitted prior art in view of Chen et al. '888. The Examiner's rejection is respectfully traversed.

Claim 19 has been canceled, thereby rendering moot the Examiner's rejection of this claim.

As discussed below, independent claims 17, 26, 28 and 30 have been placed in condition for allowance by the inclusion therein of the limitations of claims 20, 27, 29

and 31, respectively. With independent claim 17 allowable in its present form, it follows that claims 18 and 21-25, that depend therefrom, also are allowable.

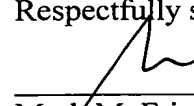
Objections

The Examiner has objected to claims 20, 27, 29 and 31 as being based on rejected base claims. The Examiner has noted that claims 20, 27, 29 and 31 would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claim.

Claim 20 now has been rewritten in independent form by amending claim 17 to include the limitations of claim 20. Claim 27 now has been rewritten in independent form by amending claim 26 to include the limitations of claim 27. Claim 29 now has been rewritten in independent form by amending claim 28 to include the limitations of claim 29. Claim 31 now has been rewritten in independent form by amending claim 30 to include the limitations of claim 31. Correspondingly, claims 20, 27, 29 and 31 have been canceled.

In view of the above amendments and remarks it is respectfully submitted that independent claims 1, 17, 26, 28, 30, 32 and 33, and hence dependent claims 2-16, 18 and 21-25 are in condition for allowance. Prompt notice of allowance is respectfully and earnestly solicited.

Respectfully submitted,



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